

55. The method of claim 54 wherein  $T =$  about 1 to 100 milliseconds.
56. The method of claim 53 wherein  $T =$  about 2.5 to 90 milliseconds.
57. The method of claim 54 wherein  $T =$  2.5 to 75 milliseconds.
58. The method of claim 53, wherein  $\tau =$  about 0.01 to 2.0 milliseconds.
59. The method of claim 53, wherein  $\tau =$  about 0.02 to 1.1 milliseconds.
60. The method of claim 53, wherein  $\tau =$  0.1 to 0.3 milliseconds.
61. The method of claim 58, wherein the transducer is producing ultrasound at a frequency of about 100 to 1000 KHz.
62. The method of claim 53, wherein the intensity of the ultrasound applied is  $I \geq$  about  $750 \text{ W/cm}^2$ .
63. The method of claim 57, wherein the intensity of the ultrasound applied is  $I \geq$  about  $750 \text{ W/cm}^2$ .
64. The method of claim 58, wherein the intensity of the ultrasound applied is  $I \geq$  about  $750 \text{ W/cm}^2$ .
65. The method of claim 61, wherein the intensity of the ultrasound applied is  $I \geq$  about  $750 \text{ W/cm}^2$ .
66. The method of claim 62, wherein the transducer produces ultrasound at a pulse duration of  $\tau \leq$  100 milliseconds.
67. The method of claim 53, wherein the device is operated at a duty ratio of about  $\geq 5$ .
68. The method of claim 53, wherein the device is operated at a duty ratio of about  $\geq 8$ .--